

THEY ARE THE SUBJECT OF STUDY BY CONGRESSMAN NORWOOD.

The Valuable Literary Work Likely to Be the Result of His Investigations-The Invention of an Illinois Youth for the Protection of Uncle Sam's Soldiers.

[Special Correspondence.] WASHINGTON, Oct. 14.—Congressman Norwood, of Georgia, who enjoys the proud distinction of being one of the two members of the last house who have occupied seats in the United States senate, is very, very literary. A couple of years ago he wrote and published at his own expense a novel of Washington life. He actually made money on it, which shows that Mr. Norwood has either remarkliterary talent or good business abilities, Mr. Norwood was last winter much laughed at



THE MOTHER GOOSE STATESMAN. y his fellow members of the house because he had nearly all the time on his desk a hand-Nursery Rhymes and Jingles." While other glatesmen were deep in the mysteries of the known pages of "Mother Goose,"

He was very fond, too, of embellishing his private conversation, and occasionally his public speeches, with quotations from his faverite volume. One day last winter the shipping laws were under discussion. If Mr. Norwood has another specialty than Mother Goose, it is the shipping laws. He represents the Savannah district, and is naturally much interested in the prosperity of the merchant marine. A member from the interior had made a speech in which he reminded the coast men that the nation's weifare did not depend entirely upon the shipping interests. Congressman Norwood retorted with this apt quotation from Mother Goose;

The man in the wilderness asked of me, How many strawberries grew in the sea? I auswered him as I thought good,

As many red herrings as grew in the wood. On another occasion a prosaic statesman declared with much earnestness that if the government gave away all its lands to railroads it would not have any left for settlers whereupon Mr. Norwood promptly quoted:

As Tommy Snoots and Bessy Brooks Were walking out one Sunday, Says Tommy Snooks to Bessy Brooks, To-morrow will be Monday." Of still another orator, one who had the

unfortunate habit of saying his say over and over again, the Georgia litterateur says: Cock Robin got up early, And went to Jennie's window

> He sang Cock Robin's love the pretty Jenny Wren, And when he got unto the end, Then he began again.

Thus Mr. Norwood was always ready with reproof or satire drawn from the pages of Mother Goose. He was not long in earning the sobriquet of "Pappy Goose," and one of the roguish members drew a picture of the

Old Pappy Goose, when He wanted to wander, Would ride through the air On a very fine gander.

But those of Mr. Norwood's colleagues who thought him approaching childishness must now acknowledge their error. If his devotion to Mother Goose is madness, 'tis madness with a pretty good method in it. After two or three years of research and labor, Mr. Nor-wood is about to give to the world a large rohime in which he makes historical, analytical and critical review of the world famous melodies and jingles. In preparing this work the author has consulted the books of a ozen large libraries both in this country and

He finds that the melodies had their roots in the child lore of all peoples. Litti Jack Horner, for instance, was the mischievous son of a noble Roman about 2 000 years before he sat in the corner of an English country house. The little Tommy Green who put pussy in the well-

What a naughty boy was that To try and drown poor passy cat, Who never did him any harm, But killed the mice in his father's barn-

Has lived a good many centuries and in a good many countries. Babies of all colors and climes, from Greenland's icy mountains to India's coral strands, have had their wee toes pulled to the tune of the pig that went market and the pig that staid at home, while the "one-ery, two-ery, ziccary-zan," and "intery, mintery, entery-com" methods of counting out in child's games are as old as China, Mr. Norwood has discovered.



THE BOOMERANG SHIELD,

author will trace out the origin of many of these jingles, and show us their beginnings away back in the musty pa will, moreover, show the great influence Mother Goose has had upon the literature of all peoples, what meters she has danced for poets, what inspirations she has given wits and rhymesters. It is, therefore, safe to pre-dict that after Mr. Norwood has published his book we shall have in addition to a childish love a genuine veneration for good old Mother Goose, and be ready to thank the an who was willing to forego the tariff

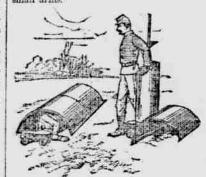
and politics for a study of the ancient dame. Mr. Norwood has very well-defined and practical ideas as to the manner in which he s to impress the wonderful history of Mother Goose's melodies upon the public. He is not a crank. There are cranks in this country, however, and the extraordinary handiwork of a number of them may be found in the construction, engineering and ordnance and gunnery divisions of the army and navy. Strange, but true, that the inventors who think they are revolutionizing warfare are men who never had any experience of war, and that the designers of devices warranted and that the designers of devices warranted the wislow of Alexander Hamilton, our first the blow the English navy and all other navies out of water are men who never smelled the transmitted by one whose name I unfortunately bear. —Washington Press.

amid waters navigable for nothing more formidable than ducks and shingles. In the war and navy building there is quite a mu-seum of these crank inventions—guns, ships,

orpedoes, armor, dynamite, cannons, etc. Among the most interesting of these devices is one which was sent in by a young man of Illinois who admits that he never saw a battle or even an army, excepting only the militia of his native county. "But," he writes to the war department, "I believe I have invented an article which will revolutionize warfare on land. It is a shield for the use of infantry troops in battle. Every soldier provided with one of these will go to the front in the hottest fire in perfect safety. The shield is a piece of thin, light steel, about 234 feet wide and 6 feet high, and arranged in a pair of convex figures on a light, strong frame, mounted on wheels or runners. In battle each soldier in the front rank pushes one of these ahead of him. If the ground is reasonably smooth he uses the wheels. If there is mud or snow on the ground, he takes off the wheels, puts them in the box and uses the broad runners

If the ground is so unfavorable that he can ise neither runners nor wheels, and the machine has to be carried, he takes it apart. The top shield can be carried by one soldier, the under one by another, the frame by a third and the platform and runners by a fourth. Only a minute is required to take it apart, and the four men can stop anywhere and in another minute put it together again, and gain perfect protection from the enemy's bul-As only the front line of soldiers in a regiment needs this protection, there will be plenty of men to carry, even on long marches, all the shields that may be needed. One line of shields placed close together gives protection to all the men in the ranks behind.
"Soldiers protected by my shields," con-

tinues the young inventor, "can not only fight in safety, but they can fight more effecout of fear of loss of life, to order them anywhere. No assault will be too difficult for them to undertake. Their fire will be more effective, because each soldier sticks his gun | made by him caused Don Francisco de Corothrough a little porthole, which gives him a nado, governor of New Galicia, to visit them perfect 'rest' and makes it well nigh certain a few years later, and, as a proof of their that he will not fire over the enemy's head. Each of these portholes is covered with a swinging piece of metal, which the soldier pushes aside with his gun, and which falls positive knowledge of the origin or history back into place as soon as the gun is with of the town which they believed had at one drawn. Three men, one standing erect, one bending over and a third kneeling, can fire tariff question, the happy member from through the shield together. Another adent one of the stages of his progress south Georgia was poring in delight over the well vantage is that a small machine gun, throwinto Mexico; that he planned to build here vantage is that a small machine gun, throwing a scattering fire of hundreds of balls a minute, could be attached to the frame and would be safe from the fire of the enemy's



THE SHIELD AS A TENT,

The inventor then calls attention to the moral effect of the use of his device. Fighting in security our soldiers would not know what fear is, and hence there would be no danger of rout or confusion. The enemy, or the other hand, would have no heart to fight against troops under cover. He would de-spair of victory and soon succumb.

"But I haven't yet described the strongest feature of my device," adds the ingenious young person. "The convex steel piates are highly polished, presenting a surface on which bullets will glance like skates on ice. The shape of the plates is such that the encmy's bullet striking them will be first deflected and then thrown back with great force. Thus my invention not only protects the soldiers using it, but kills the enemy with his own balls. Could human ingenuity go fur-

ther!"
We think not, but it makes an obvious effort to do so in this very instance, for the in-

ventor immediately adds: "Not alone in battle is my device useful. of tents on a rapid march. By turning them up on the ground the soldiers could provide themselves dry, warm sleeping places, keep-

And then the young man closes his letter, as nearly all inventors of devices sure to revolutionize warfare do close their letters, by

"I give Uncle Sam the first chance at this If he doesn't want it, let me know quick, and I'll sell it to some other governme ROBERT GRAVES.

'The "Silent City."

An artist named Husser, representing a photographing establishment, is now in Alaska investigating the remarkable mirage discovered by Professor Willoughby. first he took emphatic grounds against the "Silent City," and ridiculed the mirage among the glaciers. On his way to Sitka, three weeks ago, Husser stopped at the Muir glacier and made a number of views. After he left the Muir glacier he informed De Groff, a local photographer, that he had seen a startling mirage while making his views.

In support of the opinion that is gaining ground that Professor Willoughby's "Stient City" is not a myth, the statements of two gentlemen who solemnly declare that they saw the mirace of the city in Glacier bay on July 2 last is published. From what is learned as to the credibility of these witnesses, they appear to be reliable, and enjoy a reputation for camer and uprightness. Christie is fore-man at the extensive Bartlett Bay cannery, and his home is in Astoria, where his family now are and where he is well known. The

BARTLEIT BAY CANNERY, Aug. 23, 1880. Robert Christic and George Philoson, in the presence of Luman B French, Charles R Lord, R Willoughby and Miner W Bruce, make the fol-lowing statement to Willoughby: On the 2d of July, 1889, while sailing from Muir, or Glacier boy, into what is known as James bay, just south of Willoughby Island, about 5 o'clock in the after-noon, we suddenly saw rising out against the side noon, we suddenly saw rising out against the side of the mountains what appeared to be houses, churches and other large structures. It appeared to be a city of extensive proportions, pechaps fif-teen or twenty thousand initializants. We watched the apparition for a long time, and think it was visible for an hour or more. We further awe that at the time we had never heard of what is called the "Silent City," or that Professor Wil-loughly had photographed it. We are satisfied that it was a mirace from its appearance.

that it was a mirage from its appearance.

Romar Christie.

Grenou Payterson. -Victoria Cor. San Francisco Chronicle.

Burr and Hamilton.

A well known gentleman, recently deceased, one day related the following incident: "I was standing in my street door raising my umbrella, and just about to issue forth off important business into the midst of a sudden first work of the government will be beand heavy fall of rain. An old lady at that stowed. moment passed along the pavement quite un-protected from the drenching storm. I im- all the apartments were long and narrow,

PRE-HISTORIC AMERICA.

RUINS OH THE GILA RIVER, WHICH THE GOVERNMENT WILL SAVE.

These Relics Have Been Known Since the Time of Cabeca de Vaca-Proof of Their Antiquity, and a Vivid Description of

[Special Correspondence.] CINCINNATI, Oct. 15.-The recent order of Secretary of the Interior Noble to the director of the geological survey instructing him to immediately take the necessary steps to repair and protect from decay the venerable ruins along the Gila river, in Arizona, will be the means of saving to future ages these rare relics of pre-historic America. On March 2 of this year the fiftieth congress, on the eve of its dissolution, passed an act appropriating \$2,000 for this special agent was appointed to visit the ruins and report on their condition and the best means of keeping them from further decay.



These ruins have been known to people of the present civilization since the time of Cabeça de Vaca, a famous Spanish cavalier and explorer, who made a journey across the American continent about 1537. The report great antiquity, he says that the Pima Indians, who then occupied the country, as their fathers had done for centuries, had no time existed there. There is a tradition that they were erected by Montezuma, and reprethe metropolis of his empire, and that the "Casa Grande," meaning "Great House," as it now exists, is the ruined palace built for himself; that for some reason, possibly the

quering Cortez. The special agent of the government recently sent out reports against this tradition, and thinks he has found, in the differing style of architecture or construction, evidence that they were the work of a people who inhabited that valley ages before the time of Aztec or Toltec. The oldest Indian tradition knows them only as "the ruins," unless, indeed, there is buried in the carefully guarded records of the ancient and jealous Zunis the history of these wonderful and mysterious silent monuments of a remarkable and extinct race.

severity of the climate, he abandoned his

project and his palace and moved on into

Mexico, where he displaced the Toltees and

reigned in glory until the time of the con-

These ruins, that after the lapse of so many years are now to receive the attention of the United States government, are situated in a great undulating plain about midway between the stations of Casa Grande and



GROUND PLAN.

ELEVATION. The building which the government proposes to preserve is one of the three buildings all included within a space of 150 yards, and it is the best preserved of the three, its four exterior walls, and most of the inner ones re-De Coronado describes it as four stories high, but since his visit the storms of the intervening centuries have beaten away the greater portion of the ton story so th now little of it remains, and the interior is fast filling with the crumbling ruins. As late as 1777 Father Font found the buildings surrounded with evidences of a wall extending from north to south 420 feet and from east to west 260 feet, and there were twelve buildings, all of which attest the rapid despointion of the elements.

The Casa Grande itself is sixty feet in

length and forty in width. The first story is thirteen feet in height, the second nine, the third eight, and there are indications that the fourth was the same as the third. The walls are four and five feet thick, though De Coronado reports them six feet thick at the time of his visit. The interior is perpendicular, but the outside tapers toward the top in a curved line. The material used very closely resembles the granolitic stone now used so extensively, having been made of fine gravel sand and a kind of natural cement found in the river valley, which formed an almost indestructible concrete. This was made in great blocks seven feet three inches in length, four feet three inches wide and two feet three inches thick. All the walls, exterior and interior, were constructed of the same material, and are supposed to have been built by mixing the ingredients in large boxes the size of the blocks, and, when the concrete became sufficiently hard, moving the boxes further

along. This was a rapid mode of building. There are evidences of the wall having been roughly plastered on the outside of the builda hard, smooth fluish and still bears quite a these ditches and guileys were! Upon this surface are rude single hieroglyphic figures drawn in red. There are dozen times before.-Life. no inscriptions by which any memoir or history can be traced. They seem rather to have been ornamental designs or, perhaps, the daubings of the Indians, of which the following is a sample:



There are four entrances, one in the center of each side, which in shape resemble those of the ancient edifices of Central America and Yucatan. The only exterior opening, except the doors above named, are the windows shown in the western "elevation," three of which are circular and one square. The northeast and west elevations are quite well preserved, but the south front is fallen in in several places and much injured by large fissures, the marks of the disintegrating work of the elements. It is on this front that the

The ground plan of the building shows that mediately sprang out and offered her the and without windows. This has led some shelter of my umbrella and to accompany her writers to suggest that the building was a to her residence. She courteously accepted the service. Having arrived at her home, the residence of the king. The ground plan which was near the president's house, after out shows the arrangement of these apartwhich was near the presidents house, after the most agreeable conversation along the way, I had bidden her adien and turned to depart when she said, with all the sweet politeness of olden times: 'To whom am I indebted for this great kindness?' 'My name,' the ciding timbers were placed are quite plainly seen, and the earlier visitors found the ends of the joists still in place and charred as though the building had been apart-ment and the said of the joists still in place and charred as though the building had been emotion overpowering her almost to fainting devastated by fire. These timbers were four —'is Hamilton,' I had unknowingly escorted or five inches in diameter and placed equal the use of any sharp instrument in the con- | Second Hand Organ Man-Same old arind.

struction of the building, as all of these tim-bers, even the lintels of the doors, some of which then remained, were undressed, except for the remayed of the bark. Now there is not a splinter of wood to be found, all having

been carried away by relic hunters during the last half century. The height of the building is about forty feet, and in the center rises a tower that at the present time is eight or ten feet higher

than the outer walls It is estimated that the \$2,000 appropriated will put this monument of an extinct mighty people in a condition in which it may be preserved for many centuries at slight exper from time to time, and thus keep it from crumbling and becoming another mound on this vast plain now full of these indistinguishable ruins that mark what was at one time the site of busy life and industry. GEORGE S. McDowell

THE MOCKING BIRDS OF YOSEMITE. ed Songsters That Possess Many

Charming Characteristics. [Special Correspondence.] SAN FRANCISCO, Oct. 10.-Few of those who have sojourned even quite a long time in Yosemite valley are aware that it is filled with myriads of mocking birds, the other sights and sounds overpowering all else, and besides, the birds make their haunts as far as possible from the places where the travelers go. The writer of this was in that wonderful valley at the same time that Professor Whitney and his family visited it, and to visit them came the late Gaica Clarke, who was so well known as a botanist and geologist, and also as owner of the Mariposa house, just on the summit of the immense mountains that lie on the Mariposa side of the valley. With him was Mr. Muir, who is also known as one of the most learned geologists who study on that great enigma, Californian geology.

One afternoon Mr. Clarke invited us to nake a quiet party and ride down to the Bridal Voil fall, where he would treat us to such a concert as we had never heard. We rode, and, after picking our way among enormous bowiders, some of them as large as houses, that had fallen from time to time from the cliffs above us, and riding under the shade of trees that lifted their proud tops full three hundred feet above the valley, and yet seemed like saplings compared to the giant mountains skirting the beautiful Merced, whose clear waters glided by swiftly yet so still that they gave no sound to break the silence that only echoed to the melancholy sign of the pines above us, we reached the point he wished.

The road was really but a blind trail where one's horse had to push his way through the dense chapparel, which was in turn overgrown with wild honeysuckle and such a luxuriance of other flowers that the air was heavy with their fragrance. Nothing could be seen on the side of the river where we were but the thick verdure and great bowlders among the trees, but on the other side El Capitan reared his gray head against the arching sky proud and grim.

Soon Mr. Clarke marshaled us all in one immovable column in a small, clear space, and turned our faces toward the east. We had heard the rush of waters, the roaring of the cataract growing louder and louder as we approached, but as in this great valley surprise follows surprise and wonder comes on the heel of wonder until we had become too bewildered with it all to understand, but here before us was the Bridal Veil fall, pouring down into its rocky basin with a roar as if a thousand cannons. The stream that fell from that sublime cliff was thin and transparent, and looked a little thing from that awful height, seen through this natural rift in the trees which made a fitting frame for

The thundering of the water into that seething caldron ceased, and we looked to see where it had gone. The wind had swept that floating, misty veil aside and dashed the bright drops against the mighty sides of the mountain, where it nourished millions of beautiful flowers, and the misty veil swayed and swept in a rainbow arch far aside, and silence reigned unbroken for one moment, and then burst forth the song of the mocking birds in the trees, the bushes, the air, until the whole forest pulsated in unison with their

Millions of brown coated birds there were everywhere, until the whole of our very natures seemed permeated with their m Sometimes low and sweet, again sad and plaintive, and then full, rich and triumphant like a usean of lov and gladness, while we looked at each other in wondering silence.

Just as it seemed that the melody was unsupportably sweet, and that our hearts could no contain more without the relief of tears or shouts, the wind died away and the water again struck with an awesome roar into its rocky hollow with a force that made the certh tremble, and was again lashed to furious foam and the song of the mocking birds hushed. Thus it goes on ever and ever, alternately, and has for ages, the song of the birds and the thunderous reverberation of the cutaract, MARIE DALHOUSIK.



Tourist-I thought you knew where all Guide-So I do. I've been in this ditch i



"What's the matter, Eddief" "Willie Thomas has gone and moved out of this street, boo, boo." "Well, don't cry; there are plenty of other

little boys in the neighborhood to play with."
"Yes, b-u-t he's the o-n-l-y one I could biok."-Life.

Kind of Her. Little Flaxen Hair—Papa, it's raining. Papa (somewhat annoyed by work in hand) —Well, let it rain. Little Flaxen Hair (timidly)-I was going to.-Clothiers' Monthly.

Caused His Death. A.-Have you read the "Last Words of Jeremy Jaliup!"

R-Yes, and I don't wonder they proved fatal. - Harper's Bazar.

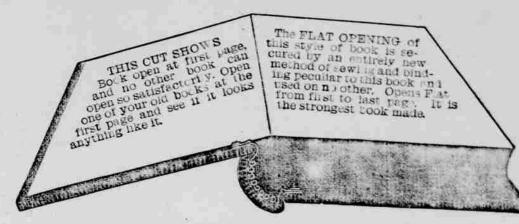
Sweet Violets," Probably. First Hand Organ Man-How goes it, GariFLAT - OPENING - BLANK - BOOK.

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EXERCISE FOR WOMEN.

IN OLD TIMES THEIR STRENGTH WAS EQUAL TO THAT OF MAN.

Woman Is Now Weaker Because She Has Not Taken as Much Exercise-Better Day Coming-Thorough Dress Reform Would Hasten It Along. "Well, what is it now?" The visitor sat

lown in the doctor's handsomely appointed office and proceeded to open his budget. "We want to find out why it is that women need so much less exercise than men. There is only one well appointed gymnasium for vomen in the city, and that belongs to a men's club; there are a score of men riding in the park to one woman; and more men box and swim and run and do half a hundred things that women never attempt. If a man is a little out of gear his physician promptly recommends some kind of exercise especially adapted to the particular malady he has or fancies he has, and he recovers. Now, why don't fashionable physicians and their women patients, who are half sick all the time to revolve around a horizontal bar a few times every day, instead of doing them

up in shawls and giving them a drop of some

CONVENTIONALITY'S CRIME.

thing every fifteen minutes?

"I say," responded the doctor, "that women do need as much exercise as men, but they are not at present able to endure the fatigue it engenders. In the early ages women and men were possessed of equal strength, lived and toiled alike in the upon air, and rested beneath their own vine and fig tree, not worrying themselves about the amount of fruit they garnered so long as it satisfied their need; not over anxious that their figs be larger and their bunches of grapes beavier than those of their neighbors. As civilization advanced woman grew more respected and beloved. She was not allowed to go into the fight or bear the burnious as before. She was and is now so tenderly cured for and carefully nortured that her constitution grad-ually degenerated, until it is now very much inferior to that of much. Civilization has graphed her min towns on street braining the mer of her life when the man Warp.

and a tundred ills that the woman under the fig tree never dreamed of. Conventionality has smothered and perverted the nice instancts that mother nature bestows upon her. She binds her wast with unyielding steels so that she cannot breathe; she bengs weight on her hips so that she cannot run, seals the cleans ng pores of her skin with cosmetics, taken her only exercise on shopping tours, and won-iers why she is ill. The physician who tells ter that simple exercise taken in a rational way is her only needed remedy is frowned you, and his treatment inspires no confi-"Perhaps they are like the old ruler who

went to the prophet to be cured of a dread discuss, and was rather disjusted to be told imply to go and wash himself in the Jer-

Yes, if physicians recommended to them some complicated course of exercise to be taken in a gymnasium they might have more faith; but there are no women's gymna-siums, and for them to stand round and diswhile weiting for the gymnasiums to be coustructed, reminds me of the story of a cup-tain who steered his ship into an unknown river, which he thought was full of sait wa The ship's supply of water became exnusted, and the crew were slowly dying of thirst, when another ship was sighted and he raised the signal of distress. When the ship came alongside he made known his need of

" Water?" shorted the stranger. 'Why, man, the river is full of it. There's fresh water all round you.' So with the exercise for women. The best and most beneficial exercise a woman can take is a brick walk in the open air in loose, light garments, especially if she carry a parasol, cane or some thing to help exercise her arms at the same time. An athlete usually carries a cane. It isn't that he needs support, but instincttwely realizes the need of moving his arms in complementary action with his legs. One hour of this kind of exercise is worth two ours in a crowded and often poorly venti-

"She should be allowed to follow out her loosens his grips—A few minutes own wise inherent instincts for sir, dirt and page.

Old Man—Don't forget to start the clock of the control of th structure in childhood, Eterty and activity to girthood; is not starved in tourding school

most nourishment, and handlenpped with burdensome attire. I would let a girl cat six times a day if she were hongry, and in the night as well. Boarding select dist and regulations make rules for the many apply to the individual, and set up reason against in stinct with disservon effect. The girls who are scalded for being tomboys in childhood. for chasing butterflies instead of seraing sam-plery, make the best wives, mothers and grandtoothers. Marriage wouldn't be so much of a failure if women were companions instead of cares for their husbands. The wo man who keeps har bendty by living a benlity life, who accompanies her hushand on his walks and journeys, who rides neck and nect with him in the race through the park instead of staying at home to tell the physician how her head aches, is the wife who is beloved. If women only realized how much their beauty and grace of person, charm and brilliancy of mind, sweetness of temper and joy of living depend upon perfect health, they might be induced to make the requisite effort needed to obtain it. But the conturies of enervation have brought about an antago-nism to activity, a demolination for sustained effort. They begin bravely, but they tire out soon." Do you believe women will ever be again

as strong as they were at first? "It will take generations to raise them to the original standard, and will peresitate a complete revolution in dress, which I am afraid will never be brought about. So long as a slim waist is admired tight clothing will be worn. Woman have such a horser of being finity that they employ every means to make themselves soon sender, not believ-ing that if they would discard the tight bod-less and stand correctly the abdominal muscies would become rigid from use and reduced in size, the natural course of the body accentrated and beautiful, and the physique perfect and symmetrical "- New York Bun.

Old Man (at the head of the stairs at \$150

m.)-Hude, what time is it!